

## PATENT COOPERATION TREATY

PCT

NOTIFICATION CONCERNING  
SUBMISSION OR TRANSMITTAL  
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

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GHammonds  
Büro MünchenEingang/  
Received

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Fristen: m.m.

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| Date of mailing (day/month/year)<br>14 October 2003 (14.10.03)       | <b>IMPORTANT NOTIFICATION</b>  |
| Applicant's or agent's file reference<br>NGO1H64/P-WO                |  |
| International application No.<br>PCT/EP03/05299                      | International filing date (day/month/year)<br>20 May 2003 (20.05.03) |
| International publication date (day/month/year)<br>Not yet published | Priority date (day/month/year)<br>29 May 2002 (29.05.02)             |
| Applicant<br>LATTICE INTELLECTUAL PROPERTY LTD et al                 |  |

1. The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
2. This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
3. An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, **the attention of the applicant is directed** to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
4. The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, **the attention of the applicant is directed** to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

| <u>Priority date</u>     | <u>Priority application No.</u> | <u>Country or regional Office<br/>or PCT receiving Office</u> | <u>Date of receipt<br/>of priority document</u> |
|--------------------------|---------------------------------|---|---|
| 29 May 2002 (29.05.02) ✓ | 0212379.2 ✓                     | GB ✓  | 13 Octo 2003 (13.10.03)                         |

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 338-7080

Authorized officer

Norbert RIGHETTO

Telephone No. (41-22) 338 9889

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

|  |   |   |
|--|---|---|
| Applicant's or agent's file reference<br><b>NG01H64/P-WO</b> | <b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below. |   |
| International application No.<br><b>PCT/EP 03/ 05299</b>     | International filing date <i>(day/month/year)</i><br><b>20/05/2003</b>  | (Earliest) Priority Date <i>(day/month/year)</i><br><b>29/05/2002</b> |
| Applicant<br><br><b>LATTICE INTELLECTUAL PROPERTY LTD</b>    |   |   |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☒ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

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☐ None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/05299

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E21B7/28 E21B7/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| ✓ X        | DE 101 32 753 A (ROZENDAAL PETER C)<br>7 March 2002 (2002-03-07)<br>column 2, line 11 -column 2, line 24;<br>figure 1<br>---      | 1-4,<br>9-13, 15      |
| ✓ X        | US 5 429 198 A (ANDERSON LLEWELLAN ET AL)<br>4 July 1995 (1995-07-04)<br>column 2, line 57 -column 3, line 46;<br>figure 1<br>--- | 1, 3, 10,<br>15       |
| ✓ A        | US 6 386 299 B1 (KATO SHOHEI)<br>14 May 2002 (2002-05-14)<br>column 3, line 16 -column 3, line 67;<br>figure 1<br>-----           | 1, 3, 10,<br>15       |

☐ Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

8 October 2003

Date of mailing of the international search report

29/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Morrish, S

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/05299

| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|----|---------------------|----------------------------|---------------------|
| DE 10132753                               | A  | 07-03-2002          | DE 10132753 A1             | 07-03-2002          |
|   |    |                     | US 2002066598 A1           | 06-06-2002          |
| US 5429198                                | A  | 04-07-1995          | US 5325932 A               | 05-07-1994          |
|   |    |                     | AU 675181 B2               | 23-01-1997          |
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|   |    |                     | CA 2173870 A1              | 20-04-1995          |
|   |    |                     | WO 9510683 A1              | 20-04-1995          |
|   |    |                     | ZA 9407952 A               | 22-05-1995          |
|   |    |                     | AU 663270 B2               | 28-09-1995          |
|   |    |                     | AU 3918893 A               | 08-11-1993          |
|   |    |                     | CA 2131380 A1              | 14-10-1993          |
|   |    |                     | EP 0631645 A1              | 04-01-1995          |
|   |    |                     | WO 9320325 A1              | 14-10-1993          |
|   |    |                     | US 5308150 A               | 03-05-1994          |
| US 6386299                                | B1 | 14-05-2002          | JP 2001303879 A            | 31-10-2001          |